

# Search report

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200135

(c) 2001 Derwent Info Ltd

File 347:JAPIO OCT 1976-2001/Feb(UPDATED 010604)

(c) 2001 JPO & JAPIO

Set	Items	Description
S1	1659735	DOCUMENT? OR CHECK? OR CHEQUE? OR INSTRUMENT? OR MONETARY(- )TRANSACTION OR MONEY()ORDER?
S2	1454	S1(5N) (ATM OR AUTOMATED())TELLER()MACHINE? OR BANK OR BANKS OR BANKING OR KIOSK?)
S3	162	S2(5N) (CASH OR CASHES OR CASHING OR DEPOSIT? OR VALIDAT? OR DISPENS? OR TRANSFER? OR SUPPLY? OR PAY OR PAYMENT?)
S4	1715316	AUTOMAT? OR TOUCH()SCREEN OR IMAGE OR SCANNER
S5	406889	CAR OR COURTESY()AMOUNT()RECOGNITION OR LAR OR LEGAL()AMOU- NT()RECOGNITION OR MICR OR MAGNETIC()INK()CHARACTER RECOGNITION OR OCR OR BIOMETRIC OR ANALYS?
S6	12663	ACCOUNT()NUMBER? OR IDENTIFICATION(3N)CARD? OR PASSWORD? OR SIGNATURE()LINE? OR ENDORSEMENT?
S7	79	S3 AND S4
S8	46	S3 (S) S4
S9	28	S3(5N)S4
S10	3	S3(5N)S5-S6
S11	31	S9 OR S10
?		

Search report

11/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013612454 \*\*Image available\*\*  
WPI Acc No: 2001-096662/200111  
XRPX Acc No: N01-073488

**Sheet handling apparatus for financial institution, has movable shutter board for inserting and releasing sheets in slot at suitable position**

Patent Assignee: HITACHI LTD (HITA )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000331214	A	20001130	JP 99141168	A	19990521	200111 B

Priority Applications (No Type Date): JP 99141168 A 19990521

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000331214	A		13	G07D-009/00	

Abstract (Basic):

... For **deposit** or withdrawal of **bank** -note, ticket, **cheque** in **automatic** transaction apparatus...

11/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013607045 \*\*Image available\*\*  
WPI Acc No: 2001-091253/200110  
XRPX Acc No: N01-069125

**Negotiable instrument information encoder for automated teller machine, stores dispensing information in magnetic strip to encode portion of information after which encoded information is verified to credit account**

Patent Assignee: KURLANDER G (KURL-I); NOVOGROD J C (NOVO-I)

Inventor: KURLANDER G; NOVOGROD J C

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200075886	A1	20001214	WO 2000US15260	A	20000602	200110 B
AU 200053176	A	20001228	AU 200053176	A	20000602	200119

Priority Applications (No Type Date): US 99137760 A 19990604

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200075886	A1	E	89	G07F-007/10	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200053176 A G07F-007/10 Based on patent WO 200075886

**Negotiable instrument information encoder for automated teller machine, stores dispensing information in magnetic strip to encode portion of information after which encoded information is verified...**

Search report

11/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013599678 \*\*Image available\*\*  
WPI Acc No: 2001-083885/200110  
XRPX Acc No: N01-064179

**Medium processing apparatus has pair of readers which determines length to read magnetic and optical character row printed on medium, and compares determined length**

Patent Assignee: HITACHI LTD (HITA )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000259764	A	20000922	JP 9959707	A	19990308	200110 B

Priority Applications (No Type Date): JP 9959707 A 19990308

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000259764 A 7 G06K-009/20

Abstract (Basic):

... For recognizing optical character and **MICR** characters printed on **bank** notes, **checks** and gas and water **supply** bill...

11/3,K/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013451039 \*\*Image available\*\*  
WPI Acc No: 2000-622982/200060  
XRPX Acc No: N00-461788

**Record-book processing method e.g. for payment bills, involves identifying if image read by image reader corresponds to that of record-book of specific variety, based on which contents of record-book are recognized**

Patent Assignee: HITACHI LTD (HITA )  
Number of Countries: 003 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000251012	A	20000914	JP 9953311	A	19990301	200060 B
CN 1265499	A	20000906	CN 99118381	A	19990901	200065
KR 2000062124	A	20001025	KR 9936470	A	19990831	200124

Priority Applications (No Type Date): JP 9953311 A 19990301

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000251012 A 19 G06K-009/18  
CN 1265499 A G06K-007/00  
KR 2000062124 A G06K-009/20

Abstract (Basic):

... For **automatic** recognition of **deposit** bill, **cheques** , etc. used in **banks** , post office...

11/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

# Search report

013010934 \*\*Image available\*\*

WPI Acc No: 2000-182786/200016

XRPX Acc No: N00-134752

**Automatic teller machine cash dispensing documents handling for operating without aid of teller by evaluating biometric data from user against stored biometric data relative to user**

Patent Assignee: CAPITAL SECURITY SYSTEMS INC (CAPI-N)

Inventor: GUSTIN R H; LIVINGSTON T W; PARK N; SHEKOORY N

Number of Countries: 086 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200005667	A2	20000203	WO 99US15446	A	19990708	200016 B
AU 9948678	A	20000214	AU 9948678	A	19990708	200029
EP 1095350	A2	20010502	EP 99932355	A	19990708	200125
			WO 99US15446	A	19990708	

Priority Applications (No Type Date): US 98113913 A 19980710

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200005667 A2 E 184 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9948678 A G06F-017/60 Based on patent WO 200005667

EP 1095350 A2 E G06F-017/60 Based on patent WO 200005667

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic):

... b) an **automated** machine for **automated** document handling  
system for making **bank** deposits with a monetary documents  
(

11/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

012984504 \*\*Image available\*\*

WPI Acc No: 2000-156357/200014

XRPX Acc No: N00-117103

**Pick-up roller positioning detector for medium separation-delivery apparatus of optical reader - detects position of up-down direction of pick-up rollers, based on which press power of pick-up roller opposing medium positioned on stage, is adjusted**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000016614	A	20000118	JP 98183504	A	1998063	200014 B

Priority Applications (No Type Date): JP 98183504 A 19980630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000016614 A 16 B65H-003/06

# Search report

...Abstract (Basic): USE - For medium separation delivery apparatus used for isolating medium such as **bank** note, original **document** , paper in optical reader, **automatic deposit** or withdrawal machine...

11/3,K/7 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012978253

WPI Acc No: 2000-150106/200014

XRAM Acc No: C00-047358

XRPX Acc No: N00-111135

**Reversible thermosensitive recording medium such as prepaid card - has recording layer containing colorless or light colored precursor, coloring agent to develop precursor, and protective layer comprising composite microparticles of polyurea and polyurethane with UV absorber**

Patent Assignee: OJI PAPER CO (OJIP )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11348426	A	19991221	JP 98163299	A	19980611	200014 B

Priority Applications (No Type Date): JP 98163299 A 19980611

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11348426	A		12	B41M-005/26	

...Abstract (Basic): USE - As prepaid cards, point cards, used in computer, **instrumentation** apparatus, register, CD **ATM** , facsimile, **automatic ticket dispenser** , handy terminal...

11/3,K/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012829270 \*\*Image available\*\*

WPI Acc No: 2000-001102/200001

XRPX Acc No: N00-001013

**Pattern recognition apparatus for items e.g. used in banking, transfer instruction processing, pre-printed checks and vouchers, automatic letter sorting etc.**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )

Inventor: MAIER U; RUPPERT W

Number of Countries: 027 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 955600	A2	19991110	EP 99105724	A	19990320	200001 B
DE 19820353	A1	19991111	DE 1020353	A	19980507	200001
JP 11345283	A	19991214	JP 99125408	A	19990506	200009
CN 1235319	A	19991117	CN 99104810	A	19990405	200013
DE 19820353	C2	20010613	DE 1020353	A	19980507	200134

Priority Applications (No Type Date): DE 1020353 A 19980507

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 955600	A2 E		8	G06K-009/03	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

# Search report

DE 19820353 A1 G06K-009/66  
 JP 11345283 A 7 G06K-009/68  
 CN 1235319 A G06K-009/66  
 DE 19820353 C2 G06K-009/66

**Pattern recognition apparatus for items e.g. used in banking, transfer instruction processing, pre-printed checks and vouchers, automatic letter sorting etc.**

## Abstract (Basic):

... Pattern recognition e.g. used in **banking , transfer instruction processing, pre-printed checks and vouchers, automatic letter sorting etc...**

**11/3,K/9 (Item 9 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

012231154 \*\*Image available\*\*  
 WPI Acc No: 1999-037261/199904  
 XRPX Acc No: N99-028103

**Reader and/or writer apparatus in communication system - has spiral or coil antenna for generating electromagnetic field to supply integrated circuit card and transmit signals to reader/writer apparatus**  
 Patent Assignee: HITACHI LTD (HITA ); KOKUSAI ELECTRIC CO LTD (KOKZ ); KOKUSAI DENKI KK (KOKZ ); HAYASHI Y (HAYA-I); IGARASHI K (IGAR-I); SUGA T (SUGA-I); UESAKA K (UESA-I); YOSHINO R (YOSH-I)  
 Inventor: HAYASHI Y; IGARASHI K; SUGA T; UESAKA K; YOSHINO R  
 Number of Countries: 027 Number of Patents: 004  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 886232	A2	19981223	EP 98111200	A	19980618	199904 B
JP 11088036	A	19990330	JP 98172477	A	19980619	199923
US 6194993	B1	20010227	US 98100325	A	19980619	200114
US 20010000659	A1	20010503	US 98100325	A	19980619	200126
			US 2000742079	A	20001222	

Priority Applications (No Type Date): JP 97164759 A 19970620

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 886232	A2	E	21	G06K-007/08	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 11088036	A		14	H01Q-007/00	
US 6194993	B1			H04Q-005/22	
US 20010000659	A1			H04Q-005/22	Cont of application US 98100325 Cont of patent US 6194993

...Abstract (Basic): USE - Communications with **cash dispensers , ATM , automatic ticket check system, room entry management system and pay telephone...**

**11/3,K/10 (Item 10 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

011932247 \*\*Image available\*\*  
 WPI Acc No: 1998-349157/199831

# Search report

XRPX Acc No: N98-272472

**Automated computer approved check cashing system e.g. for cashing authorised from assigned payee - has assigned payee can cash authorised negotiable instrument, by reading specified data from instrument with its magnetic content as applicable by obtaining data from customer's keyboard entry and reading data from patron card**

Patent Assignee: SHAH D V (SHAH-I)

Inventor: SHAH D V

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2211811	A	19980221	CA 2211811	A	19970821	199831 B
US 6129273	A	20001010	US 9624268	A	19960821	200052
			US 97915903	A	19970821	
			US 98161582	A	19980928	

Priority Applications (No Type Date): US 9624268 A 19960821; US 97915903 A 19970821; US 98161582 A 19980928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2211811	A		16	G06F-017/60	
US 6129273	A			G06K-005/00	Provisional application US 9624268 CIP of application US 97915903

...Abstract (Basic): ADVANTAGE - Provides means to cash authorised negotiable instruments to assigned payee' through **automated** computer approved. **Checks cashing** system similar to **bank** teller machine that provides **cash** from customer's account as well as accepts unscreened packages through provided slots...

11/3,K/11 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

011689960 \*\*Image available\*\*

WPI Acc No: 1998-106870/199810

XRPX Acc No: N98-085851

**Media such as bank note, cheque identification apparatus for automatic deposit payment machine - has media identification unit that identifies identification information on front side of media based on first reference identification information and output of total process unit**

Patent Assignee: OMRON KK (OMRO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9330449	A	19971222	JP 96174180	A	19960612	199810 B

Priority Applications (No Type Date): JP 96174180 A 19960612

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9330449	A		16	G07D-007/00	

**Media such as bank note, cheque identification apparatus for automatic deposit payment machine...**

11/3,K/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

Search report

(c) 2001 Derwent Info Ltd. All rts. reserv.

011004744    \*\*Image available\*\*  
WPI Acc No: 1996-501694/199650  
XRPX Acc No: N96-423009

**Image printer for producing payment check in bank - has inversion mechanism that inverts conveyed document in response to detected insertion direction of document**

Patent Assignee: HITACHI LTD (HITA )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8258356	A	19961008	JP 9560318	A	19950320	199650 B

Priority Applications (No Type Date): JP 9560318 A 19950320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8258356	A	9	B41J-013/26	

**Image printer for producing payment check in bank -**

**11/3,K/13 (Item 13 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

010901818    \*\*Image available\*\*  
WPI Acc No: 1996-398769/199640  
XRPX Acc No: N96-336050

**Cash monitoring method for cash handling appts. e.g. automated teller machine - by exhibiting accumulated total of available cash in each group of automated teller machines on display screen of display device**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8194759	A	19960730	JP 956675	A	19950119	199640 B

Priority Applications (No Type Date): JP 956675 A 19950119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8194759	A	6	G06F-019/00	

...Abstract (Basic): USE/ADVANTAGE - For e.g. store and bank. Monitors available **cash** in numerous **automated teller machines** without having to manually **check** each **ATM** and so reduces workload of operator...

**11/3,K/14 (Item 14 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

010796951    \*\*Image available\*\*  
WPI Acc No: 1996-293904/199630  
XRPX Acc No: N96-247170

**Digital cordless telephone system - has service system which obtains value opposite to user drawn from number of personal hand-held phone, when user of hand- held phone with predetermined service is provided**

Patent Assignee: NEC CORP (NIDE )



Search report

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8125766	A	19960517	JP 94258057	A	19941024	199630 B

Priority Applications (No Type Date): JP 94258057 A 19941024

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8125766	A		10	H04M-011/00	

...Abstract (Basic): service processing part (21), an attestation processing part (22), a wireless processing part (23) and **password** input and **cash** drawer part (24). Then, a **bank** system (3) **checks password** input from the service system...

11/3,K/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

010590188 \*\*Image available\*\*

WPI Acc No: 1996-087141/199609

XRFX Acc No: N96-073081

**Cheque writing point of sale system for goods and services paid from consumer funds - has first communication device integral to point of sale terminal for electronically communicating with central computer system**

Patent Assignee: RESOURCE TECHNOLOGY SERVICES INC (RESO-N)

Inventor: HILLS R R; NICHOLS H R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5484988	A	19960116	US 92975717	A	19921113	199609 B
			US 94257390	A	19940609	

Priority Applications (No Type Date): US 92975717 A 19921113; US 94257390 A 19940609

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5484988	A		16	G06F-015/30	Cont of application US 92975717

...Abstract (Basic): communicate with external databases for performing a consumer bank account status search and further enabling **automated** clearing house communication for **transferring** funds without using the **bank check** as a negotiable instrument .

11/3,K/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

010522704 \*\*Image available\*\*

WPI Acc No: 1996-019657/199602

XRFX Acc No: N96-016465

**Depositor in bank cheque issuing - locating cheque sum at right location on check for easy reading, while it is recorded using magnetic ink so that same equipment which reads other fields can recognise this data**

Patent Assignee: NOWLIN L (NOWL-I)

Inventor: NOWLIN L

Number of Countries: 001 Number of Patents: 001

# Search report

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5470160	A	19951128	US 94176727	A	19940103	199602 B

Priority Applications (No Type Date): US 94176727 A 19940103

## Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5470160	A	6	B41J-005/00	

...Abstract (Basic): The method involves printing a set of **cheques** with **MICR** characters representing the **bank** number, **depositor** **account number**, and **check** number. The **MICR** characters are aligned along a designated line of the cheque to enable reading of the...

11/3,K/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

010180381 \*\*Image available\*\*

WPI Acc No: 1995-081634/199511

XRPX Acc No: N95-064645

**Human facial features based identification and verification system - has device for retrieving human facial image projections character from user device**

Patent Assignee: NEURNETICS LTD (NEUR-N)

Inventor: ARNDT C M; DEBAN A F; TUMEY D M; XU T

Number of Countries: 001 Number of Patents: 001

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5386103	A	19950131	US 9387657	A	19930706	199511 B

Priority Applications (No Type Date): US 9387657 A 19930706

## Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5386103	A	12	G06F-015/30	

...Abstract (Basic): USE/ADVANTAGE - In **automated** banking system, e.g. for **cashing** e.g. **checks** where user operates **automated teller machine**, in cooperation with manned teller post participating in verification process of customer or for controlling...

11/3,K/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

010024004 \*\*Image available\*\*

WPI Acc No: 1994-291717/199436

XRPX Acc No: N94-229509

**Automated auction system operated via computer network - has central computer with links to local and remote buyers, and can be linked to banking system to make credit checks and automatic cash transfers**

Patent Assignee: SMEETS T H M J (SMEE-I)

Inventor: SMEETS T H M J

Number of Countries: 001 Number of Patents: 001

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
NL 9300266	A	19940901	NL 93266	A	19930210	199436 B

Search report

Priority Applications (No Type Date): NL 93266 A 19930210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
NL 9300266	A		24	G07F-007/00	

... has central computer with links to local and remote buyers, and can be linked to banking system to make credit checks and automatic cash transfers

...Abstract (Basic): or other personal computers via telecommunications channels. The system can also be linked to the banking system to make credit checks , automatic cash transfers , etc...

11/3,K/19 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

009451298

WPI Acc No: 1993-144823/199318

XRPX Acc No: N93-110608

Cash point system receiving cheques and dispensing banknotes or coins - has cheque data used together with card and keyboard data with delivery of banknotes that can be changed for coins

Patent Assignee: BALLY WULFF AUTOMATEN GMBH (BALL-N)

Inventor: CHRISTIANSEN U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4135450	A1	19930429	DE 4135450	A	19911023	199318 B

Priority Applications (No Type Date): DE 4135450 A 19911023

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4135450	A1		3	G07D-001/04	Add to patent DE 4125245

...Abstract (Basic): A cash transaction system allows bank cheques to be exchanged in an automatic machine. The cheque is inserted into a checking unit that reads the information, validates the...

11/3,K/20 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

008874349

WPI Acc No: 1992-001620/199201

Bank cheque-books automatic dispenser - has large capacity magazine NoAbstract

Patent Assignee: POZZI F (POZZ-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
IT 1213521	B	19891220				199201 B

Priority Applications (No Type Date): IT 8622205 A 19861031

Bank cheque-books automatic dispenser -

# Search report

11/3,K/21 (Item 21 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

008719826 \*\*Image available\*\*  
 WPI Acc No: 1991-223843/199131  
 XRPX Acc No: N91-170834

**Test unit for banknotes - has input guide unit that adjusts for different widths**

Patent Assignee: NSM AG (NSMA-N)  
 Inventor: MENKE W; MULDER A J  
 Number of Countries: 015 Number of Patents: 006  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4001716	A	19910725	DE 4001716	A	19900122	199131 B
WO 9110975	A	19910725				199132
EP 511996	A1	19921111	EP 91902655	A	19910119	199246
			WO 91DE55	A	19910119	
EP 511996	B1	19940427	EP 91902655	A	19910119	199417
			WO 91DE55	A	19910119	
DE 59101509	G	19940601	DE 501509	A	19910119	199423
			EP 91902655	A	19910119	
			WO 91DE55	A	19910119	
US 5368147	A	19941129	WO 91DE55	A	19910119	199502
			US 92910152	A	19920722	

Priority Applications (No Type Date): DE 4001716 A 19900122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9110975	A				
					Designated States (National): US
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE
EP 511996	A1	G	25	G07D-007/00	Based on patent WO 9110975
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP 511996	B1	G	16	G07D-007/00	Based on patent WO 9110975
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 59101509	G			G07D-007/00	Based on patent EP 511996
					Based on patent WO 9110975
US 5368147	A		13	G07D-007/00	Based on patent WO 9110975

...Abstract (Equivalent): A testing apparatus for **bank** notes or like **instruments** of **payment** in sheet from **automatic** cash processing machines, comprising a testing channel (20) which is provided with a transport device...

11/3,K/22 (Item 22 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

008585356  
 WPI Acc No: 1991-089388/199113

**Bank cheque-book stripper for automatic dispenser - NoAbstract**

Patent Assignee: POZZI F (POZZ-I)  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
IT 1197938	B	19881221				199113 B

Search report

Priority Applications (No Type Date): IT 8622204 A 19861031

Bank cheque-book stripper for automatic dispenser -

11/3,K/23 (Item 23 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

008585355

WPI Acc No: 1991-089387/199113

Cheque-book automatic dispenser, for bank terminal - NoAbstract

Patent Assignee: POZZI F (POZZ-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
IT 1197937	B	19881221				199113 B

Priority Applications (No Type Date): IT 8622203 A 19861031

Cheque-book automatic dispenser, for bank terminal...

11/3,K/24 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

007429911 \*\*Image available\*\*

WPI Acc No: 1988-063846/198809

XRPX Acc No: N88-048538

Electronic personal asset control device - has current balance of  
deposit at bank automatically displayed when cheque is drawn

Patent Assignee: SHARP KK (SHAF )

Inventor: KATAOKA Y; NISHIMURA K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4724527	A	19880209	US 86940169	A	19861210	198809 B

Priority Applications (No Type Date): JP 82195439 A 19821105; JP 82195435 A  
19821105; JP 82195436 A 19821105; JP 82195437 A 19821105; JP 82195438 A  
19821105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4724527	A		21		

... has current balance of deposit at bank automatically displayed  
when cheque is drawn

11/3,K/25 (Item 25 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

007294183

WPI Acc No: 1987-291190/198741

XRPX Acc No: N87-218147

Document reading envelope depository for automatic banking  
machine - senses difference between envelope and single sheet, allows  
envelopes to be sequentially stacked and single sheets to be read

# Search report

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )  
 Inventor: DECKER D D; STANHOPE M E  
 Number of Countries: 006 Number of Patents: 005  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4696426	A	19870929	US 86869169	A	19860530	198741 B
EP 247361	A	19871202	EP 87105984	A	19870424	198748
CA 1238530	A	19880628				198829
EP 247361	B1	19920916	EP 87105984	A	19870424	199238
DE 3781717	G	19921022	DE 3781717	A	19870424	199244
			EP 87105984	A	19870424	

Priority Applications (No Type Date): US 86869169 A 19860530

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4696426	A		9		
EP 247361	A	E			
					Designated States (Regional): DE FR GB IT
EP 247361	B1	E	11	G07F-007/10	
					Designated States (Regional): DE FR GB IT
DE 3781717	G			G07F-007/10	Based on patent EP 247361

Document **reading envelope** depository for automatic banking machine...

11/3,K/26 (Item 26 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

004780945

WPI Acc No: 1986-284286/198643

XRPX Acc No: N86-212242

**Automatic teller machine with bill transaction issue feature - uses same bill inserted in slot for payment from specific account, for printing of receipt data for return to user**

Patent Assignee: ANONYMOUS (ANON )  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TP 98603	A	19860925	TP 8698603	A	19860920	198643 B

Priority Applications (No Type Date): TP 8698603 A 19860920

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TP 98603	A		1		

...Abstract (Basic): In an **Automated Teller Machine (ATM)** with **check deposit /cashing** mechanism, a programming change creates a bill payment feature in which the bill is imprinted...

11/3,K/27 (Item 27 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

004748958

WPI Acc No: 1986-252299/198638

XRPX Acc No: N86-188546

**Holographic security identifying system - has key card, credit card or**

# Search report

**document supporting holographically applied thick film and reflective region**

Patent Assignee: HAYDEN K J (HAYD-I)

Inventor: HAYDEN K J

Number of Countries: 030 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8605300	A	19860912	WO 86GB109	A	19860303	198638 B
AU 8655416	A	19860924				198650
EP 215048	A	19870325	EP 86901459	A	19860303	198712
JP 62502573	W	19871001	JP 86501441	A	19860303	198745
US 4761543	A	19880802	US 86925088	A	19861030	198833

Priority Applications (No Type Date): GB 8681 A 19860103; GB 835361 A 19830301; GB 855361 A 19850301

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8605300 A E 49

Designated States (National): AU BR DK FI JP KR LK MW NO US

Designated States (Regional): AT BE CF CG CH CM DE FR GA GB IT LU ML MR NL SE SN TD TG

EP 215048 A E

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

...Abstract (Equivalent): USE/ADVANTAGE - **Bank cheque** cards for **automatic bank dispensers** and security pass cards. Economical mfr. (15pp)

11/3,K/28 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

003988096

WPI Acc No: 1984-133640/198421

XPX Acc No: N84-099193

**Dispenser cassette for banking terminal - has vacuum cups to transfer documents to discharge station**

Patent Assignee: DOCUTEL CORP (DOCU-N)

Inventor: KUSHMAUL R T; LAFEVERS J O; SCOTT T R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4447097	A	19840508	US 81297580	A	19810831	198421 B

Priority Applications (No Type Date): US 81297580 A 19810831

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4447097 A 11

...Abstract (Basic): The **automatic** terminal machine for **banking** uses a **document dispenser** for delivering **bank** notes to a customer. The **document dispenser** moves the **bank** notes from a storage bin via a picker that moves along a path profile established...

11/3,K/29 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

Search report

003780791

WPI Acc No: 1983-777017/198339

XRPX Acc No: N83-178307

**Document processing system for bank cheques etc. - uses source item control number to identify document at all subsequent processing points**

Patent Assignee: RECOGNITION EQUIPMENT INC (RECO-N)

Inventor: NUNLEY L J; REID W J; SIMPSON W D

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4404649	A	19830913				198339 B
US 4404649	B1	19940208	US 80202970	A	19801103	199407

Priority Applications (No Type Date): US 80202970 A 19801103

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4404649	A		11		
US 4404649	B1		2	G06F-015/30	

...Abstract (Equivalent): The system provides a capability for **automatically** processing documents such as **bank checks**, **deposit slips**, **loan payments**, etc, from all points within a banking organisation, with exception of the point of receipt...

11/3,K/30 (Item 30 from file: 350).

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

001898633

WPI Acc No: 1978-C7874A/197814

**Cash dispenser operated by card or cheque - reads data on card to decide if card, cheque or both are needed and indicates this to user**

Patent Assignee: GAO GES AUTOMATION & ORG MBH (GESA )

Inventor: GROTTTRUP H; HELMRICH H; MAURER T

Number of Countries: 008 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2740467	A	19780330				197814 B
SE 7710771	A	19780424				197819
FR 2366648	A	19780602				197826
AT 7607226	A	19781115				197848
US 4249163	A	19810203				198108
GB 1592481	A	19810708				198128
CH 623676	A	19810615				198129
IT 1094480	B	19850802				198644

Priority Applications (No Type Date): AT 767226 A 19760929

...Abstract (Basic): can be operated by identity card or cheque. The card carries information identifying the issuing **bank** which is read and **checked automatically** in the **dispenser**.

11/3,K/31 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2001 JPO & JAPIO. All rts. reserv.

02753976 \*\*Image available\*\*



Search report

AUTOMATIC CUSTOMER PROPERTY RETURNING SYSTEM AT THE TIME OF TROUBLE

PUB. NO.: 01-051576 [JP 1051576 A]  
PUBLISHED: February 27, 1989 (19890227)  
INVENTOR(s): MATSUMOTO SATORU  
NISHIBORI KENJI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
KANSAI NIPPON DENKI SOFTWARE KK [490843] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 62-208534 [JP 87208534]  
FILED: August 21, 1987 (19870821)  
JOURNAL: Section: P, Section No. 883, Vol. 13, No. 253, Pg. 113, June  
13, 1989 (19890613)

ABSTRACT

...CONSTITUTION: At the time of the trouble of the CD (**cash dispenser**)  
or the **ATM** (**automatic** teller), when the **check** of the propriety of the  
customer according to an interaction consisting of three types of